



Global Conference on Big Data for Official Statistics

Organized by NBS/UAE, UNSD, ABS and GCC-STAT

20-22 October 2015, Abu Dhabi, UAE

Agenda

Tuesday 20 October 2015

Opening Session

09:00 – 10:30 Registration and Tea

10:30 – 11:10 *Ceremonial Opening Session: Big Data and World Statistics Day*

Speakers: H.E. Sheikh Nahyan bin Mubarak Al Nahyan, Minister of Culture, Youth and Community Development, UAE
H.E. Frode Muring, United Nations Resident Coordinator, UNDP, UAE
H.E. Sabir Al-Harbi, Director General, Statistical Office of GCC (GCC-Stat)
Mr. Trevor Sutton, Chair, UN Global Working Group on Big Data

11:10 **Intermission**

11:15 – 12:45 *High-level Panel - The Big Data Landscape 2015-2020*

Moderator: Ronald Jansen, UNSD

Speakers:

- Steven Hagan, Vice-President, Oracle (also member of UN GGIM)
- Bob Sutor, Vice-President, IBM Thomas Watson Research Center
- Brian Moyer, Director, US BEA
- Jamal Al-Jarwan, Secretary General, UAE International Investment Council

12:45 Lunch break

Afternoon session – Day 1

14:00 – 17:30 *Big Data for Official Statistics: from examples to guidance*

Overview Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

14:00 – 14:30 Presentation (Ronald Jansen, UNSD) on “Global Survey on Big Data Projects for Official Statistics”

14:30 – 15:45 **Mobile Phone data**

Introduction Ronald Jansen, UNSD
Moderator Sabir Al-Harbi, GCC-Stat

Panel discussion:

- “An Overview of the Pilot Project - Mobile Phone Data”, Ahmed Al Mufarji, NCSI, Oman
- “Mobile Phone data and SDG indicators”, Margus Tiru, Estonia
- “Using Mobile Phone data for Poverty estimates in Bangladesh”, Pål Sundsøy, Telenor
- “Predicting population using mobile device counts”, Siu-Ming Tam, ABS

15:45 Tea break

16:00 – 17:30 **Social media data**

Introduction Ronald Jansen, UNSD
Moderator Amparo Ballivian, World Bank

Panel discussion:

- “Social Media data”, Piet Daas, Statistics Netherlands
- “Use of data from social networks to obtain statistical and geographical information”, Juan Munoz, INEGI, Mexico
- “Food prices”, Jong Gun Lee, UN Global Pulse
- “Sandbox projects”, Albrecht Wirthmann, Eurostat

Wednesday 21 October 2015

Morning session – Day 2

09:00 – 12:15 *Big Data for Official Statistics: from examples to guidance*

Opening Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

09:05 – 10:30 **Satellite imagery, remote sensing and geo-spatial data**

Introduction Moderator Greg Scott, UNSD

Panel discussion:

- Introduction, Siu-Ming Tam, ABS
- “Remote Sensing Data Sources Outlook”, Arnold Dekker, CSIRO, Australia
- “Beyond Crop Production Estimates: Integrated climate, biophysical and remote sensing approaches”, Andries Potgieter, University of Queensland, Australia
- “Using satellite images to calculate the land use and land cover statistics”, Sandra Rodriguez, DANE, Colombia
- “Global economic transparency: Google and new frontiers in remote sensing”, Patrick Dunagan, Google
- “Analysis for Rural-Urban Systems and Historic Climate Data in Mexico” Juan Munoz, INEGI, Mexico

10:30 **Tea break**

10:45 – 12:15 **Skills, training and capacity building**

Introduction Sufyan Daghra, UAE

Moderator Steven Vale, UNECE

Keynote: “Big Data Sandbox”, Toni Virgillito, ISTAT

Panel discussion:

- “Training and capacity building”, Margarita Guerrero, UNESCAP
- “Data scientists’ skills and UN Labs”, Jong Gun Lee, UN Global Pulse
- “Data literacy”, Ali Rebaie, Data Aurora, UAE
- “User skills and statistical literacy”, Jose Ramon Albert, Philippine Institute for Development Studies

12:15 **Lunch break**

Afternoon session – Day 2

14:00 – 17:15 *Big Data for Official Statistics: from examples to guidance*

Opening Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

14:05 – 15:30 **Access and partnerships for Big Data**

Moderator Albrecht Wirthmann, Eurostat

Panel discussion:

- Introduction and presentation, Peter Struijs, Statistics Netherlands
- Edward Lambe, CSO Ireland
- Susan Teltscher, ITU
- Erik Wetter, Flowminder
- Robert Kirkpatrick, UN Global Pulse

15:30 **Tea break**

15:45 – 17:15 **How to communicate the value of Big Data for official statistics**

Introduction Marko Javorsek, ESCAP

Moderator Susan Teltscher, ITU

Panel discussion:

- Emmanuel Letouzé, Data-Pop Alliance (HHI, MIT Media Lab, ODI)
- Niels Ploug, Statistics Denmark
- Mara Bravo Osorio, DANE, Colombia
- Julieth Solano, DANE, Colombia
- Albrecht Wirthmann, Eurostat
- Steven Hagan, Oracle

Thursday 22 October 2015

Morning session – Day 3

09:00 – 12:15 *Big Data for Official Statistics: from examples to guidance*

Opening Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

09:05 – 10:30 **Quality, Tools and Methods**

Introduction Albrecht Wirthmann, Eurostat

Moderator Piet Daas, Statistics Netherlands

Panel discussion:

- “Repository of Big Data projects”, Ronald Jansen, UNSD
- “Classification of Big Data”, Peter Struijs, Statistics Netherlands
- “Big Data Quality framework: experiences on real data in Official Statistics”, Paolo Righi, ISTAT
- “Big Data Methodology”, Siu-Ming Tam, ABS

10:30 Tea break

10:45 – 12:15 **Big Data and the Sustainable Development Goals**

Introduction Amparo Ballivian, World Bank and Ronald Jansen, UNSD

Moderator Trevor Sutton, ABS

Panel discussion:

- Juan Munoz, INEGI, Mexico
- Barnabe Okouda, INS, Cameroon
- Candido Astrologo, Philippines
- Ivo Havinga, UNSD
- Kamel Abdellaoui, INS, Tunisia
- Susan Teltscher, ITU

12:15 Lunch break

Afternoon session – Day 3

14:00 – 17:30 *Big Data for Official Statistics: the way forward*

Opening Trevor Sutton, Deputy Australian Statistician and Chair of the UN Global Working Group on Big Data for official statistics

14:05 – 15:30 **Big Data and the Future of Statistical Systems**

Moderator Ronald Jansen, UNSD

Panelists Arnold Dekker, Paul Schreyer, Marge Guerrero, Bob Sutor, Amparo Ballivian, Susan Teltscher, Greg Scott

Topics of discussion: Integrated Geo-spatial Statistics; Integrated Household Surveys; the role of community and citizens engagement via mobile apps; Data on inequalities; The changing role of ICT, society and statistics; Real-time data on migration, flooding, hurricanes, earthquakes, resilience, recovery and rebuilding efforts – role of official statistics

15:30 **Tea break**

15:45 – 17:15 **Panel on the way forward**

Moderator Ivo Havinga, UNSD

Panelists Trevor Sutton, Brian Moyer, M.A. Mannan Howlader, Zachary Chege, Barnabe Okouda, Khalifa Al Brawani, Rashed Khamis Abdulla Al Suwaidi

Topics of discussion: Big Data and the programme of work and outputs of your institute; Big Data and capacity building in your institute; Big Data and strategic Partnerships – which ones to choose?; Big Data and delivering on the monitoring of the 2030 agenda; Will Big Data help and how soon will this happen?

17:15 – 17:30 **Closing ceremony**